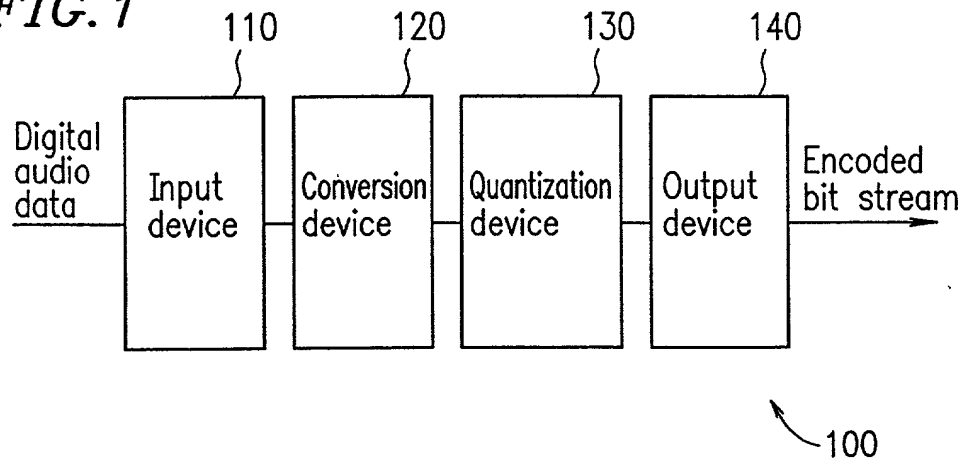


FIG. 1

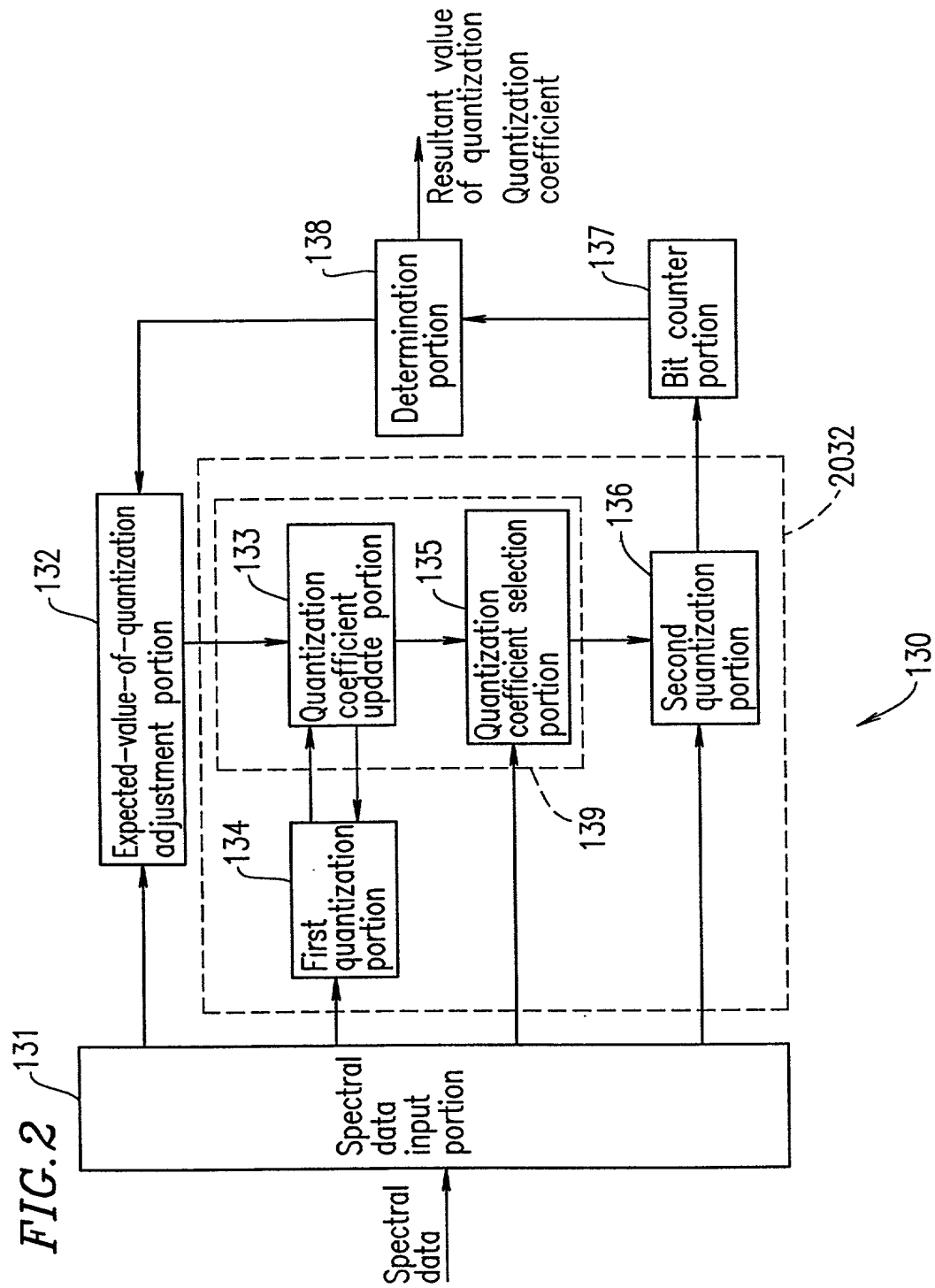


FIG. 3

mdct_line	SCALEFACTOR	xQuant	inv mdct_line
100	-8	11	97.85512399
100	-9	10	102.4827625
100	-10	9	105.9005791
100	-11	7	90.08031056
100	-12	7	107.1241462
100	-13	6	103.7247714
100	-14	5	96.730847
100	-15	4	85.42975067
100	-16	4	101.5936673
100	-17	3	82.32640563
100	-18	3	97.90314733
100	-19	3	116.4271194
100	-20	2	80.63494719
100	-21	2	95.89165292
100	-22	2	114.0350359
100	-23	1	53.81737058
100	-24	1	64
100	-25	1	76.10925536
100	-26	1	90.50966799
100	-27	1	107.6347412
100	-28	1	128
100	-29	1	152.2185107
100	-30	1	181.019336
100	-31	0	0

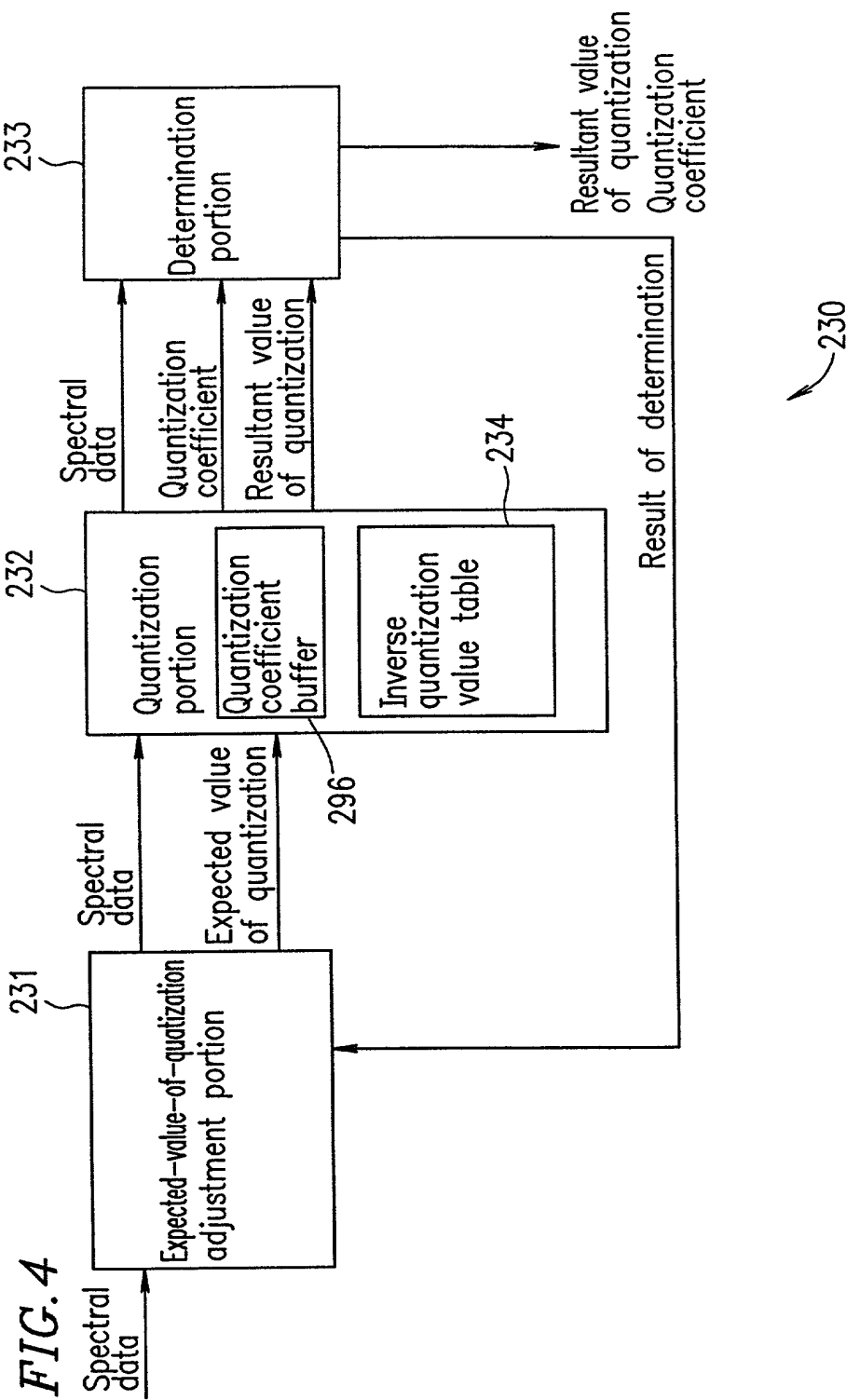


FIG. 5A

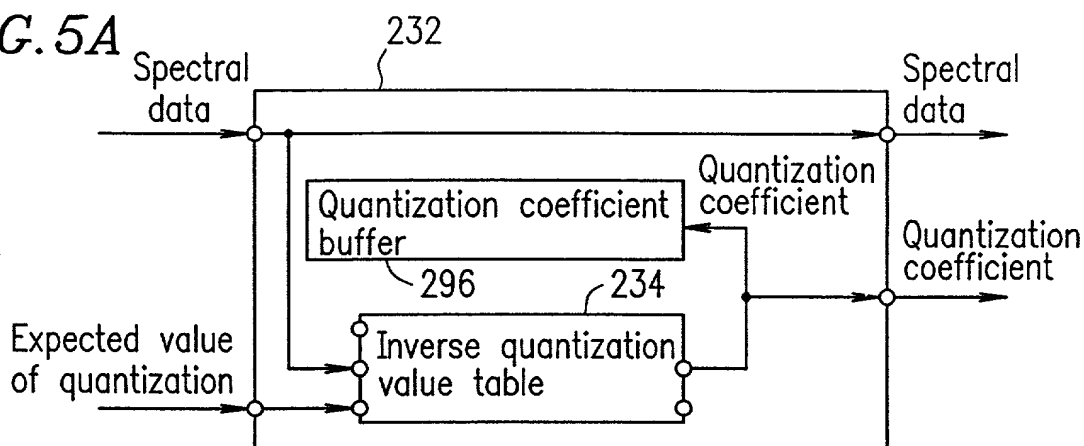


FIG. 5B

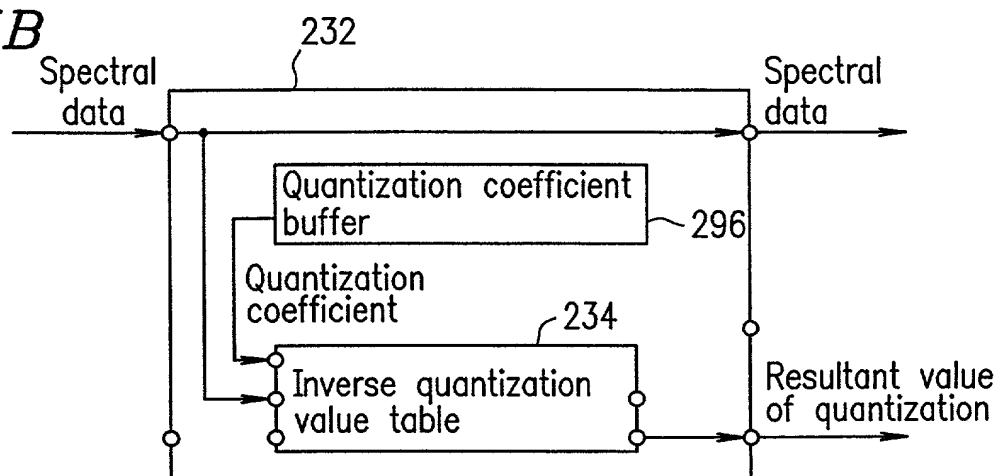


FIG. 5C

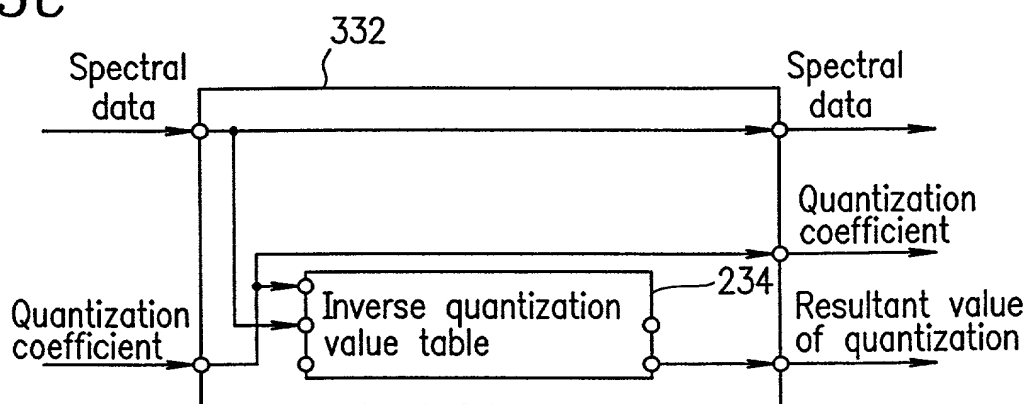


FIG. 6

xQuant=1

234a

802	SCALEFACTOR	inv_mdct_line	SCALEFACTOR	inv_mdct_line
	0	1.00	-33	304.44
	-1	1.19	-34	362.04
	-2	1.41	-35	430.54
	-3	1.68	-36	512.00
	-4	2.00	-37	608.87
	-5	2.38	-38	724.08
	-6	2.83	-39	861.08
	-7	3.36	-40	1024.00
	-8	4.00	-41	1217.75
	-9	4.76	-42	1448.15
	-10	5.66	-43	1722.16
	-11	6.73	-44	2048.00
	-12	8.00	-45	2435.50
	-13	9.51	-46	2896.31
	-14	11.31	-47	3444.31
	-15	13.45	-48	4096.00
	-16	16.00	-49	4870.99
	-17	19.03	-50	5792.62
	-18	22.63	-51	6888.62
	-19	26.91	-52	8192.00
	-20	32.00	-53	9741.98
	-21	38.05	-54	11585.24
	-22	45.25	-55	13777.25
	-23	53.82	-56	16384.00
	-24	64.00	-57	19483.97
	-25	76.11	-58	23170.48
	-26	90.51	-59	27554.49
	-27	107.63	-60	32768.00
	-28	128.00	-61	38967.94
	-29	152.22	-62	46340.95
	-30	181.02	-63	55108.99
	-31	215.27	-64	65536.00
	-32	256.00	-65	77935.88

801

FIG. 7

SCALEFACTOR=0

	xQuant	inv_mdct_line
901	1	1.00
902	2	2.52
	3	4.33
	4	6.35
906	5	8.55
903	6	10.90
904	7	13.39
	8	16.00
	9	18.72
905	10	21.54
	11	24.46
	12	27.47
	13	30.57
	14	33.74
	15	36.99
	16	40.32
	17	43.71
	18	47.17
	19	50.70
	20	54.29
	21	57.94
	22	61.64
	23	65.41
	24	69.23
	25	73.10
	26	77.02
	27	81.00
	28	85.02
	29	89.10
	30	93.22
	31	97.38
	32	101.59

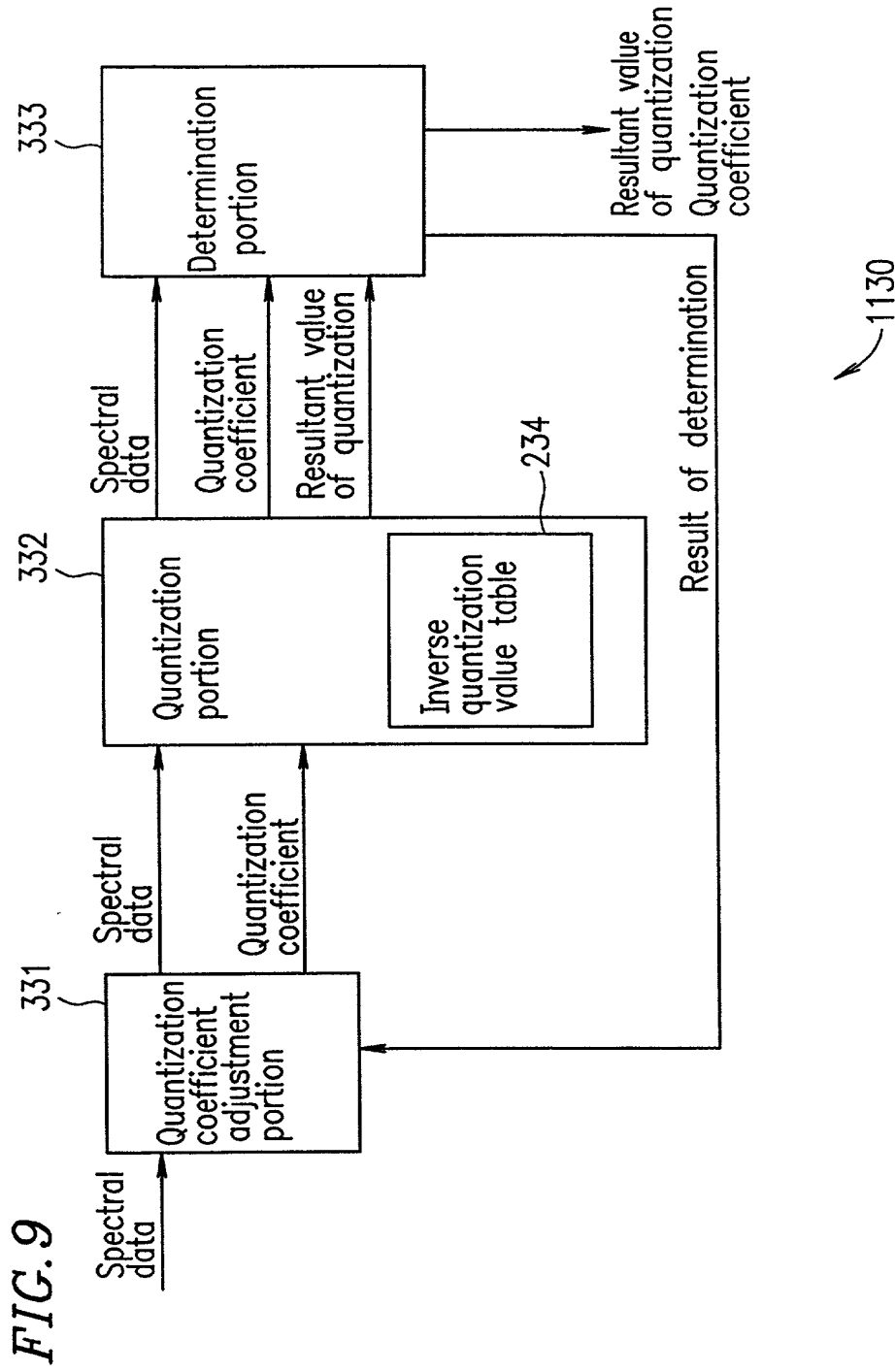
234b

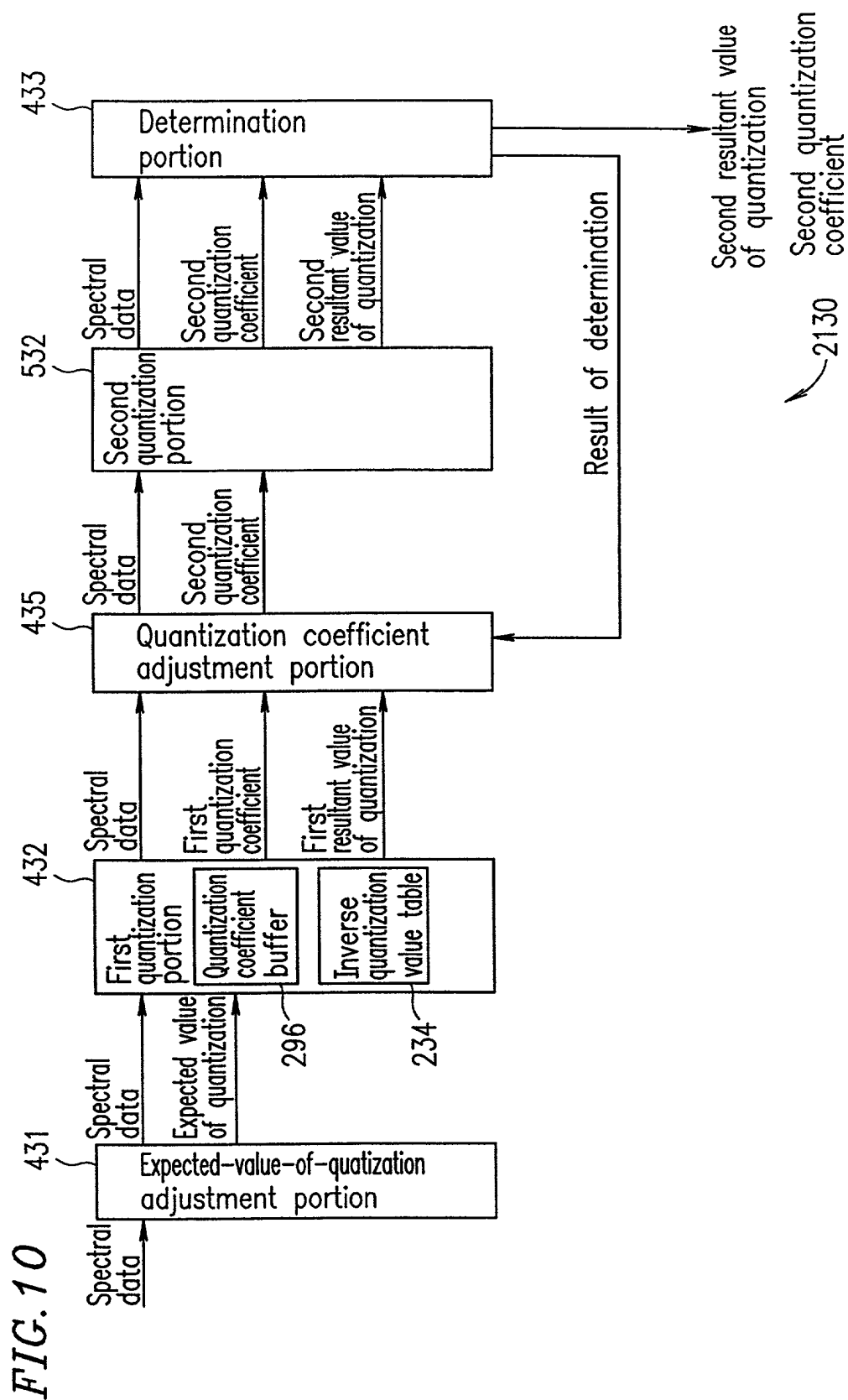
xQuant	inv_mdct_line
33	105.85
34	110.15
35	114.49
36	118.87
37	123.29
38	127.76
39	132.26
40	136.80
41	141.38
42	145.99
43	150.65
44	155.34
45	160.06
46	164.82
47	169.61
48	174.44
49	179.31
50	184.20
51	189.13
52	194.09
53	199.08
54	204.11
55	209.16
56	214.25
57	219.36
.....
.....
8187	165005.99
8188	165032.87
8189	165059.74
8190	165086.62
8191	165113.49

FIG. 8

234b'

xQuant	inv_mdct_line (Inverse)	xQuant	inv_mdct_line (Inverse)
1	1.00000000	33	0.00944745
2	0.39685026	34	0.00907879
3	0.23112042	35	0.00873459
4	0.15749013	36	0.00841260
5	0.11696071	37	0.00811081
6	0.09172020	38	0.00782748
7	0.07467971	39	0.00756102
8	0.06250000	40	0.00731004
9	0.05341665	41	0.00707329
10	0.04641589	42	0.00684964
11	0.04087676	43	0.00663807
12	0.03639919	44	0.00643769
13	0.03271464	45	0.00624765
14	0.02963666	46	0.00606722
15	0.02703201	47	0.00589571
16	0.02480314	48	0.00573251
17	0.02287712	49	0.00557706
18	0.02119841	50	0.00542884
19	0.01972401	51	0.00528737
20	0.01842016	52	0.00515223
21	0.01726001	53	0.00502303
22	0.01622195	54	0.00489939
23	0.01528843	55	0.00478097
24	0.01444503	56	0.00466748
25	0.01367981	57	0.00455862
26	0.01298282
27	0.01234568
28	0.01176132	8187	0.00000606
29	0.01122370	8188	0.00000606
30	0.01072766	8189	0.00000606
31	0.01026875	8190	0.00000606
32	0.00984313	8191	0.00000606





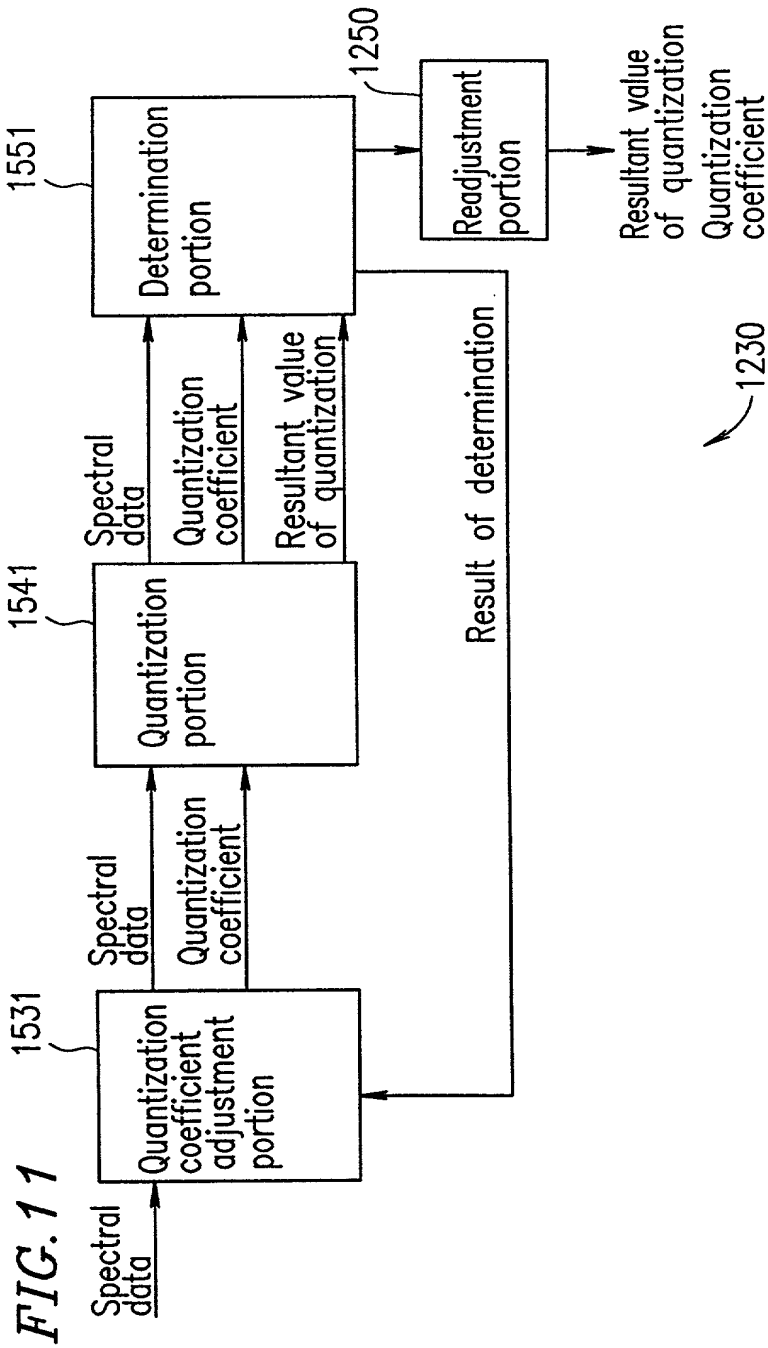


FIG. 12

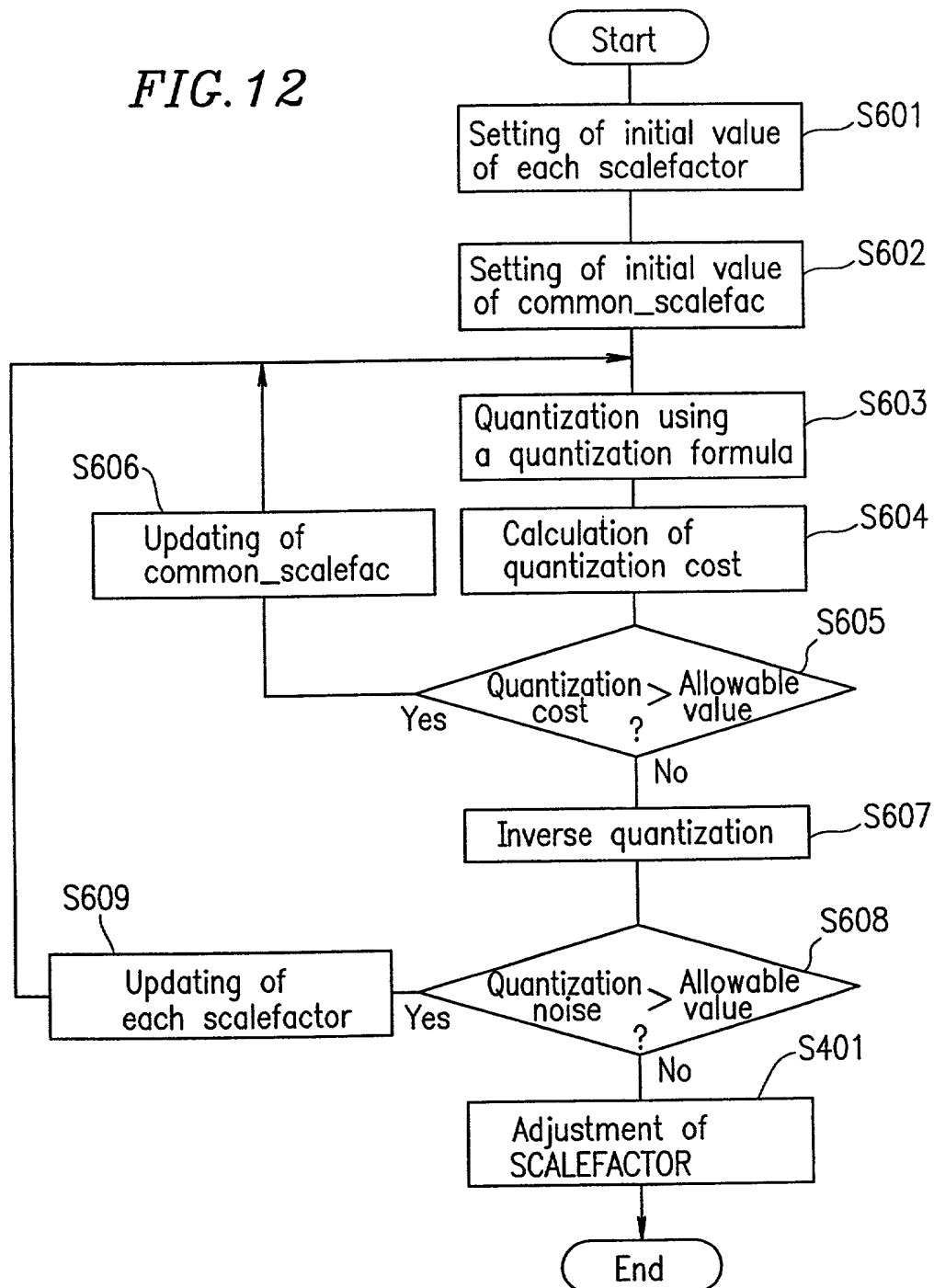


FIG. 13

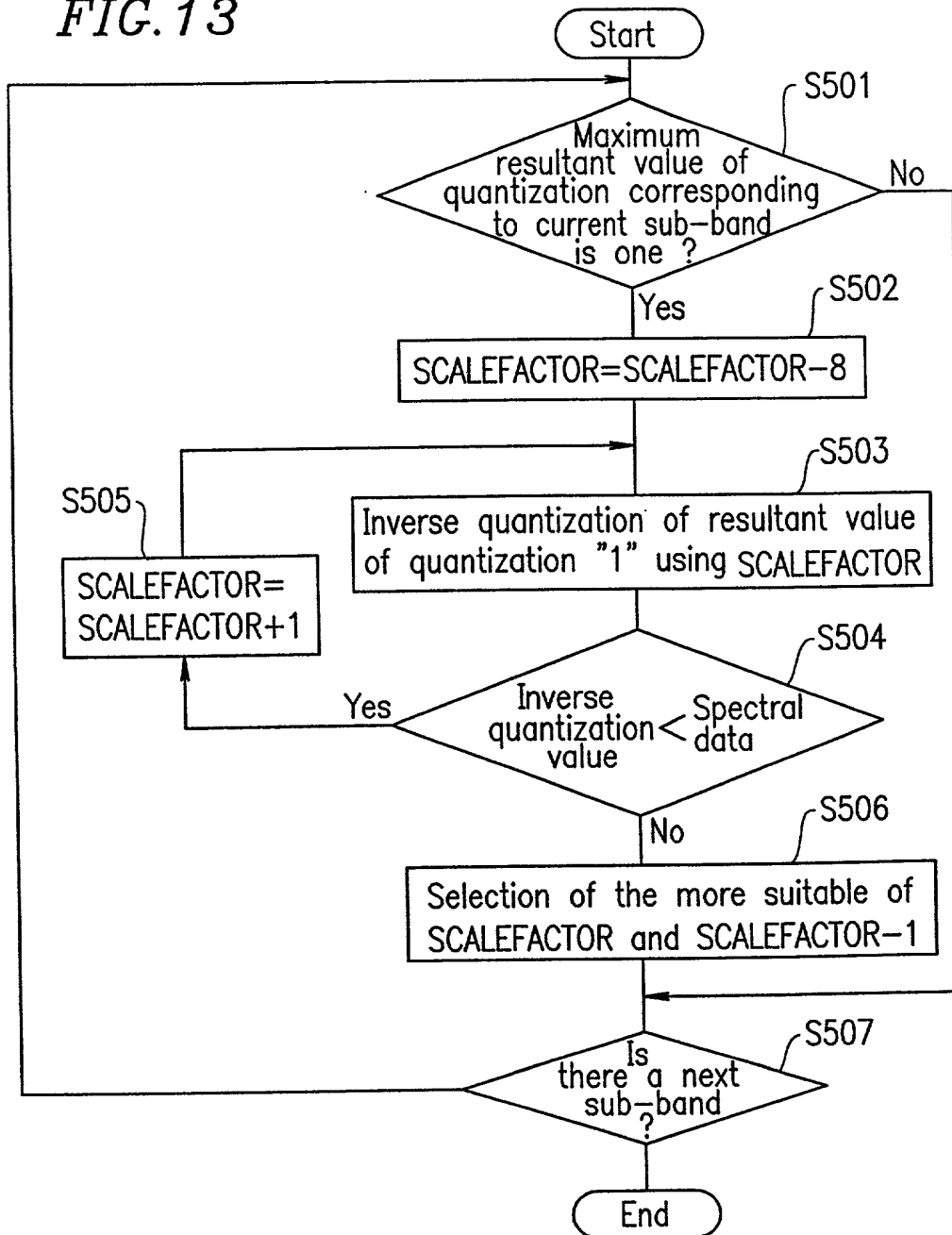


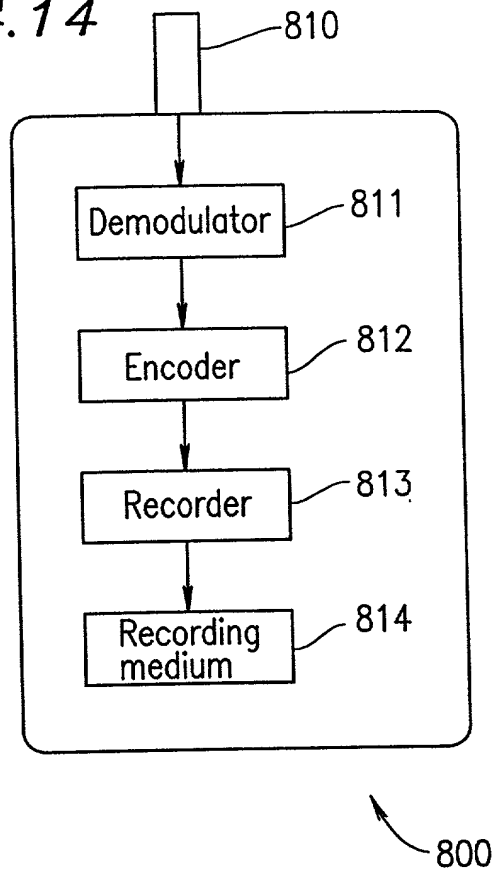
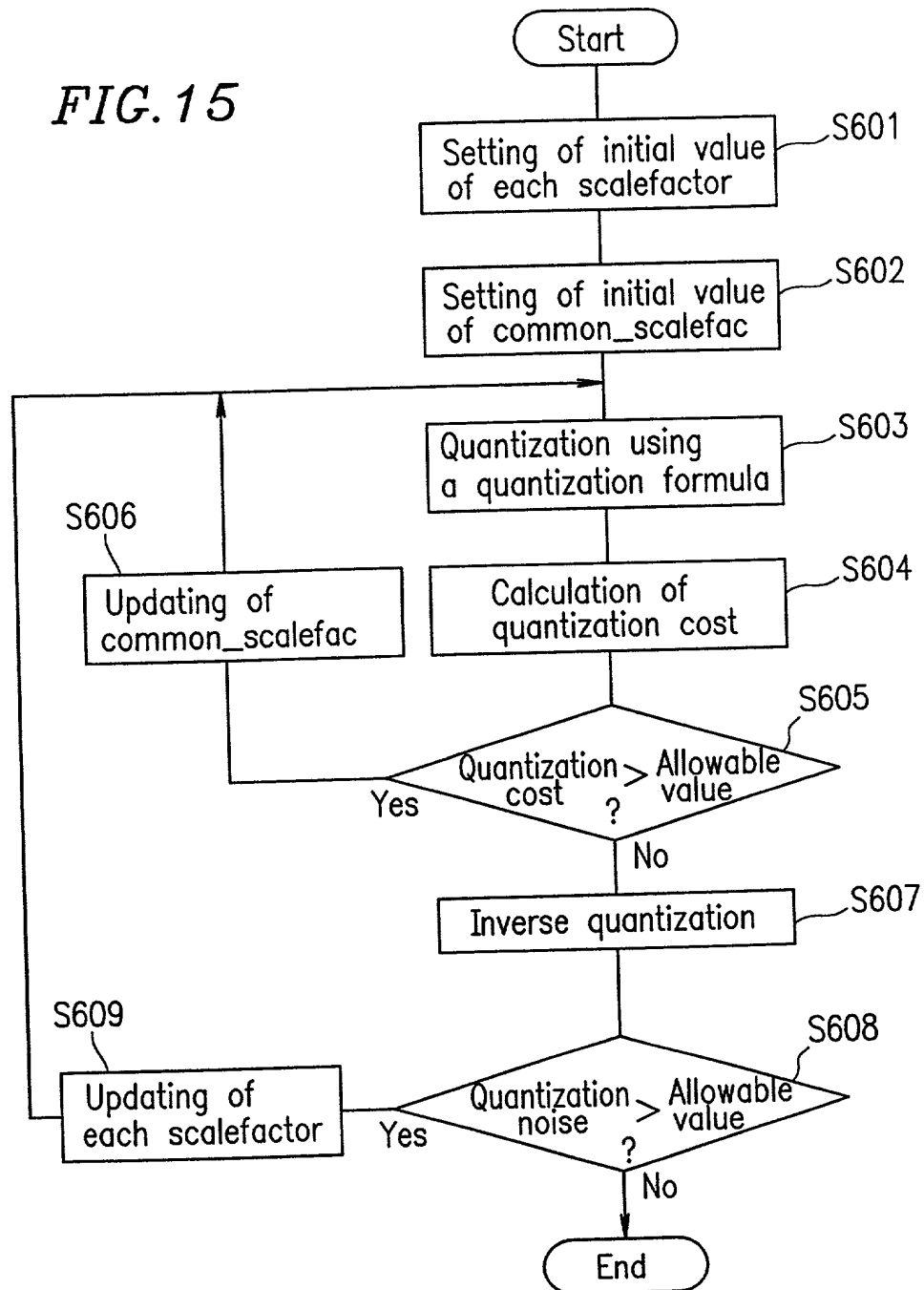
FIG. 14

FIG. 15



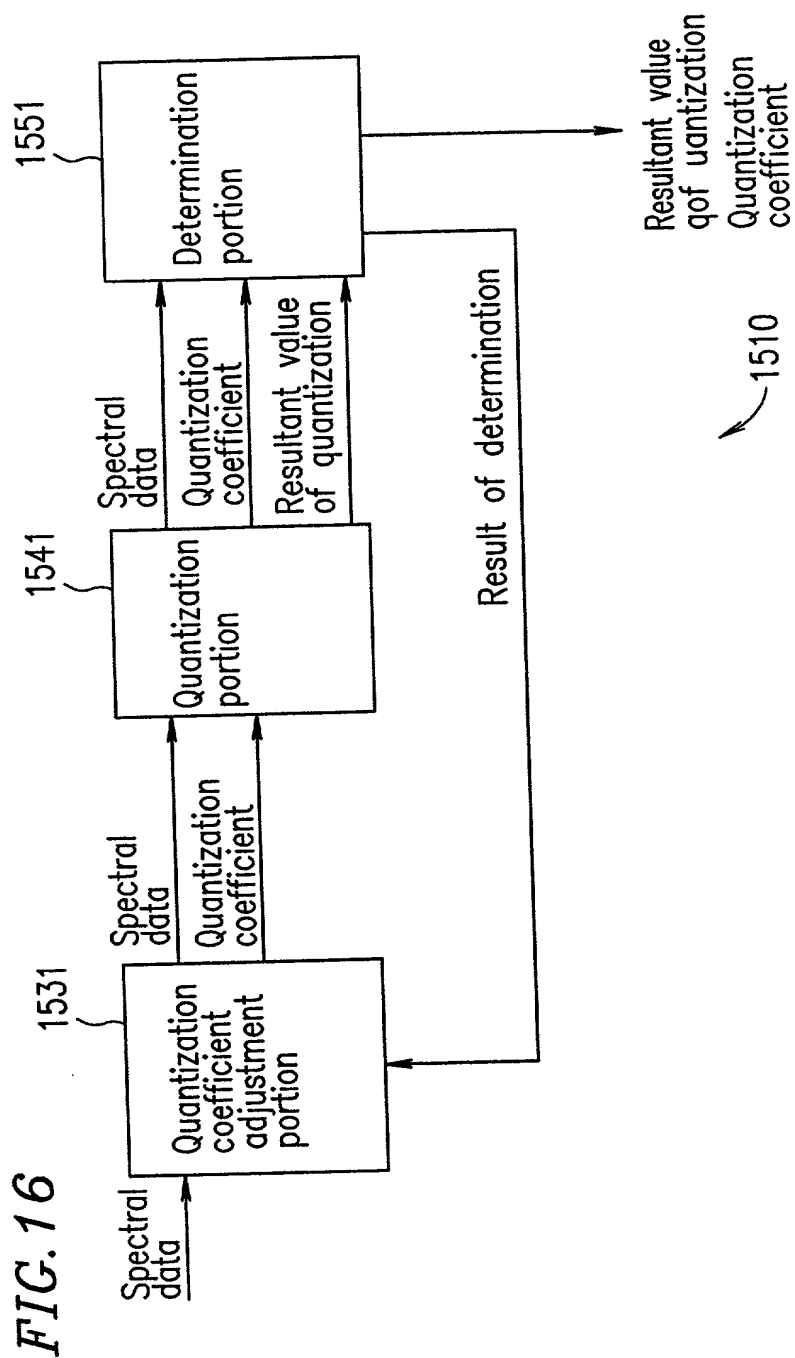


FIG. 17